

P20968.P01

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

10551 J. S. PTO  
05/02/01

Attorney Docket No.	P20968	Total Pages	
Inventor(s) or Application Identifier Yasuaki YUDA, Takashi FUKAGAWA, Youichi NAKAGAWA, and Masahiro MIMURA			
Title: DIRECTION OF ARRIVAL ESTIMATOR AND DIRECTION OF ARRIVAL ESTIMATION METHOD			

ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

APPLICATION ELEMENTS	ACCOMPANYING APPLICATION PARTS
<p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (Submit an original, and a duplicate for fee processing)</p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>a. <input type="checkbox"/> Small Entity Statement(s)</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages <u>15</u>] (preferred arrangement set forth below) - Descriptive title of the Invention - Cross References to Related Applications - Statement Regarding Fed sponsored R &amp; D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the Invention - Brief Summary of the Invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 USC 113) [Total Sheets <u>4</u>]</p> <p>5. <input checked="" type="checkbox"/> Oath or Declaration [Total Pages <u>4</u>] a. <input checked="" type="checkbox"/> Newly executed (original or copy) <input type="checkbox"/> Unexecuted b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 20 completed) [Note Box 6 below] i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input type="checkbox"/> Incorporation By Reference (useable if Box 5b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.</p> <p>7. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> <p>8. <input type="checkbox"/> CD-Rom or CD-R in duplicate, large table or Computer Program (<i>Appendix</i>)</p>	<p>9. <input type="checkbox"/> Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary) a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p>10. <input checked="" type="checkbox"/> Assignment Papers (cover sheet &amp; document(s))</p> <p>11. <input type="checkbox"/> 37 CFR 3.73(b) Statement (when there is an assignee) <input type="checkbox"/> Power of Attorney</p> <p>12. <input type="checkbox"/> English Translation Document (if applicable)</p> <p>13. <input type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input type="checkbox"/> Copies of IDS Citations</p> <p>14. <input type="checkbox"/> Preliminary Amendment</p> <p>15. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) (Should be specifically itemized)</p> <p>16. <input checked="" type="checkbox"/> Figure of Drawing to be published <u>1</u></p> <p>17. <input checked="" type="checkbox"/> Foreign priority claimed a. <input checked="" type="checkbox"/> Claim of Priority b. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s)</p> <p>18. <input checked="" type="checkbox"/> Assignee: <u>MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of Osaka, JAPAN</u></p> <p>19. <input type="checkbox"/> Other: _____ _____ _____ _____</p>
<p>20. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:  <input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior Application No. <u>  </u> / <u>  </u>, filed <u>  </u>.  <i>Prior application information: Examiner: _____ Group Art Unit: _____</i></p> <p>21. <input type="checkbox"/> Amend the specification by inserting before the first line the sentence:      This application is a <u>  </u> continuation-in-part, <u>  </u> continuation, <u>  </u> divisional, of Application No. <u>  </u> / <u>  </u>, filed <u>  </u>.</p>	

Address all future correspondence to Customer No. 7055 at the present address of:

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5/2/01

Date

*Bruce H. Bernstein, Reg. No. 29,027*  
Signature 33,329

Bruce H. Bernstein, Reg. No. 29,027  
Typed or Printed Name

## FEE TRANSMITTAL

Complete if Known

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Y. YUDA et al.
Group Art Unit	Unassigned
Examiner Name	Unassigned

TOTAL AMOUNT OF PAYMENT (\$750.00)

Attorney Docket Number P20968

## METHOD OF PAYMENT (check one)

## FEE CALCULATION (continued)

The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number 19-0089

Deposit Account Name GREENBLUM &amp; BERNSTEIN, P.L.C.

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17, including any required extension of time fees in any concurrent or future reply requiring a petition for extension of time for its timely submission (37 CFR 1.136(a)(3))  Charge the Issue Fee Set in 37 CFR 1.18 at the Mailing of the Notice of Allowance, 37 CFR 1.311(b)  Applicant Claims Small Entity Status See 37 CFR 1.27.

 Payment Enclosed: Check  Credit Card  Money Order  Other

## FEE CALCULATION (fees effective 12/29/99)

## FILING FEE

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
101	710	201	355
106	320	206	160
107	490	207	245
108	710	208	355
114	150	214	75
		<b>SUBTOTAL (1)</b>	<b>(\$)</b> 710

## CLAIMS

Total Claims	-20=	Extra	Fee from below	Fee Paid
9		0	x 18	0
Independent 3	-3=	0	x 80	0

Claims  
Multiple Dependent Claims x = 0

Large Entity Fee Code	Small Entity Fee Code	Fee Description
103	18	203
102	80	202
104	270	204
109	80	135
110	18	209
		<b>SUBTOTAL (2)</b> (\$)
		0.00

\*Reduced by Basic Filing Fee paid

## 3. ADDITIONAL FEES

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
105	130	205	65
127	50	227	25
139	130	139	130
147	2,520	147	2,520
112	920*	112	920*
113	1,840*	113	1,840*
115	110	215	55
116	390	216	195
117	890	217	445
118	1,390	218	695
128	1,890	228	945
119	310	219	155
120	310	220	155
121	270	221	135
138	1,510	138	1,510
140	110	240	55
141	1,240	241	620
142	1,240	242	620
143	440	243	220
144	600	244	300
122	130	122	130
123	50	123	50
126	240	126	240
581	40	581	40
146	710	246	355
149	710	249	355
179	710	279	355
169	900	169	900
		<b>SUBTOTAL (3)</b> (\$)	<b>40</b>

## SUBMITTED BY

Complete (if applicable)

Typed or Printed Name

Bruce H. Bernstein

Reg. Number

29,027

Signature

*Karla J. Payman Reg. 16.*

Date 5/2/01

Deposit Account User ID

33,329